2011 International Forum on the Frontier of Plateau Fire Safety

SKLFS, USTC, Hefei, Anhui, CHINA
Oct 17, 2011

Forum Topics:

- Understanding the effect of pressure on fire behaviors
- Exploring fire dynamics under different altitudes
- How to improve fire engineering for high altitude areas
- Further international collaboration and coordination

Welcome to Hefei, Welcome to USTC, and Welcome to SKLFS!
Agenda for 2011 International Forum on the Frontier of Plateau Fire Safety

Time: October 17, 2011
Venue: Multi-media Classroom, SKLFS, USTC
Coordinator: Prof. Naian Liu <liunai@ustc.edu.cn>

08:30 am  Opening ceremony and Group-photo

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Presentation
Session 1
(09:00 am – 10:15 am)
Chairman: Dr. Yaping He

09:00 am  Prof. Naian Liu: Introduction to SKLFS
(University of Science and Technology of China, China)

09:25 am  Dr. John L. de Ris: Effect of Ambient Pressure on Fires -- Fundamental Concepts
(University of Science and Technology of China, China)

09:50 am  Prof. Jian Wang: Fire Behaviors at Normal and High Altitudes
(University of Science and Technology of China, China)

10:15 am  Coffee break

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Presentation
Session 2
(10:40 am – 11: 55 am)
Chairman: Prof. Jiang Wang

10:40 am  Dr. Yaping He: Variation of Flame Height with Ambient Pressure
(University of Western Sydney, Australia)

11:05 am  Dr. Yaping He: Safety Factor and Probabilistic Risk Assessment
(University of Western Sydney, Australia)

11:30 am  Prof. Lizhong Yang: Fundamental Research on Fire Prevention and Control in Plateau Environment
(University of Science and Technology of China, China)

12:00 am  Lunch
PRESENTATION
Session 3
(02:00 pm– 03:15 pm)
Chairman: Prof. Lizhong Yang

02:00 pm  **Prof. Bogdan.Dlugogorski**: Formation of Pollutants in Chemical Fires, Especially Polychlorinated Dibenzo-p-dioxins and Dibenzofurans in Fires of Pesticides
(The University of Newcastle, Australia)

02:25 pm  **Prof. Jinhua Sun and Mr. Ying Zhang**: Prediction of the Critical Condition for Flame Acceleration over Wood Surface with Different Sample Orientations
(University of Science and Technology of China, China)

02:50 pm  **Asso. Prof. Jun Fang**: Research on Fire Detection in Tibet with Low Air Pressure Conditions
(University of Science and Technology of China, China)

03:15 pm  *Coffee break*

PRESENTATION
Session 4
(03:40 pm– 04:55 pm)
Chairman: Prof. Naian Liu

03:40 pm  **Mr Jiakun Dai**: Numerical Investigation of Extinction and Ignition Turning Point
(University of Science and Technology of China, China)

04:05 pm  **Mr. Junhui Gong**: Study on Combustion Characteristics of Downward Flame Spread over Thermoplastic Materials
(University of Science and Technology of China, China)

04:30 pm  **Dr. Yaping He**: Error Estimate of Temperature Measurement Using Conducting Probes
(University of Western Sydney, Australia)

Discussion
(05:00 pm – 06:00 pm)
Chairman: Dr. Yaping He, Dr. John de Ris, Prof. Bogdan.Dlugogorski, Prof. Naian Liu

05:00 pm  Discussion
06:30 pm  *Banquet*